Approved For Release 2002/07/10: CIA-RDP78B04747A000900050068-4 STATINTL 26 October 1960 STATINTL MEMORANDUM FOR THE RECORD SUBJECT: Terminal Output Devices for Stereocomparators STAT 1. Assumptions - These recommendations will be based on the hypothesis that the additional stereocomparators currently being acquired will be equipped to record travel in the X and Y directions STAT by generating pulse trains and counting these pulses with electronic accumulations or counters of the PIGMI or Telecordex type. When this is the case, the terminal output devices, that provide for transfer of accumulator readings to hard copy and/or machine readable form, (punched cards, punched tape, magnetic tape, etc.) can be considered almost independently of the comparator and accumulator, since the techniques of going from accumulators to the various types of output devices are quite standardized and routine. This situation is in considerable contrast to that which obtains for the TA3 currently in use, and in which the terminal output device is in very intimate association with the shaft position indicators. Various Terminal Devices - Under the present circumstances, then, it would seem advisable to choose a terminal output device on the basis of its compatibility with present or future computing systems for which it will be providing input. The various output devices will be discussed from this viewpoint. STAT (a) Punched card output. The 80 column punched card is undoubtedly the most nearly universal machine readable language and it can be assumed that any new computing system will include punched card input and output. However, it plus the price of the would cost approximately STATINTL associated _ equipment to add card input and output to STAT capability. This might indeed be very the present desirable on the basis of over-all considerations, but is STAT probably not justified just to tie in the three STAT (b) Punched type STAT Five channel code (teletype) - This code is not STAT read directly

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late by program on a character-by-character basis any five or six channel code. This programmed translation is too slow (2 characters per second) to be used other

STAT

STAT

however, read and trans-

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			than for ver capability i be present, machine.	s not	t common	to all ed	omputers	and might	not	
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